

FIG 3

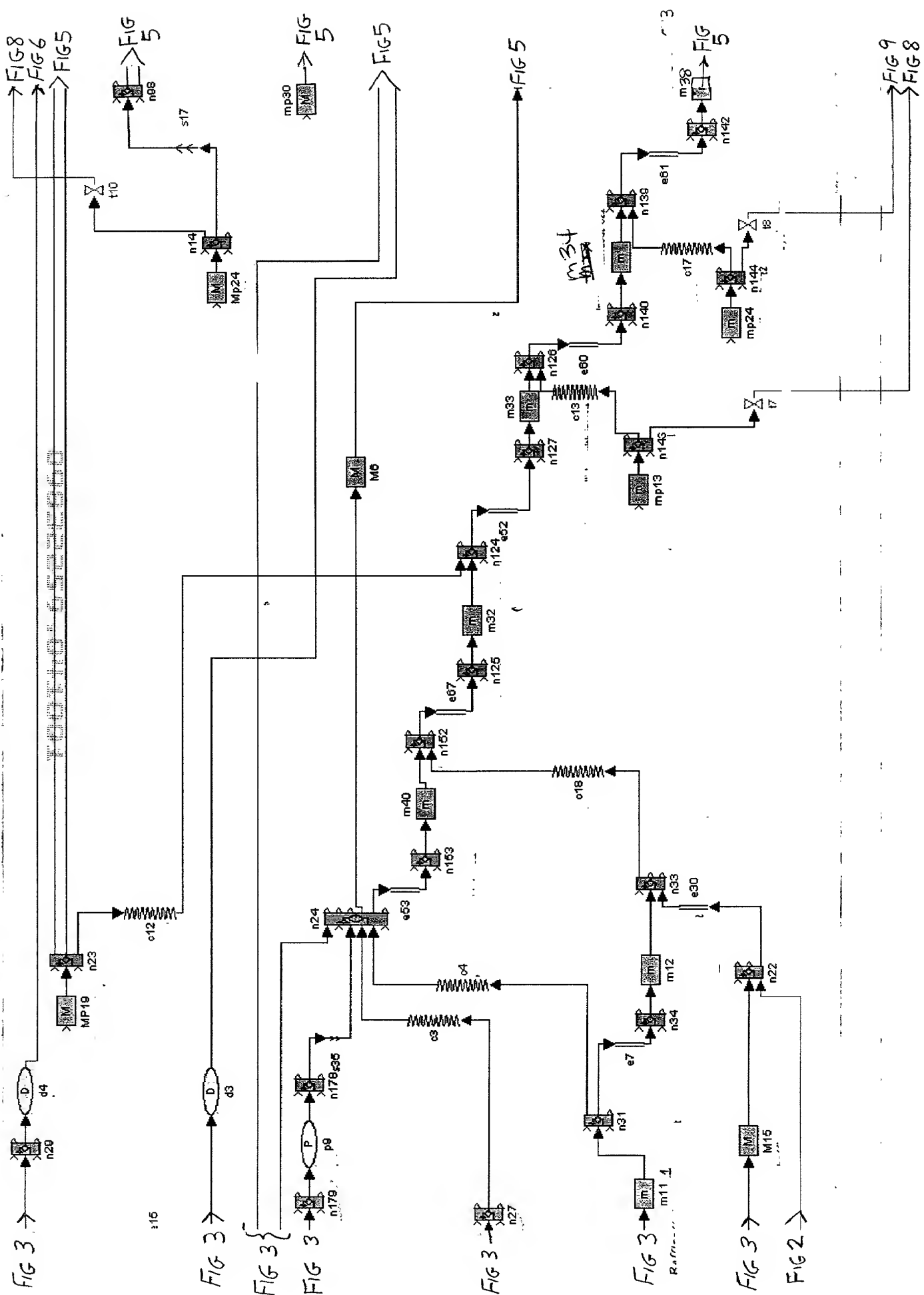


FIG-4

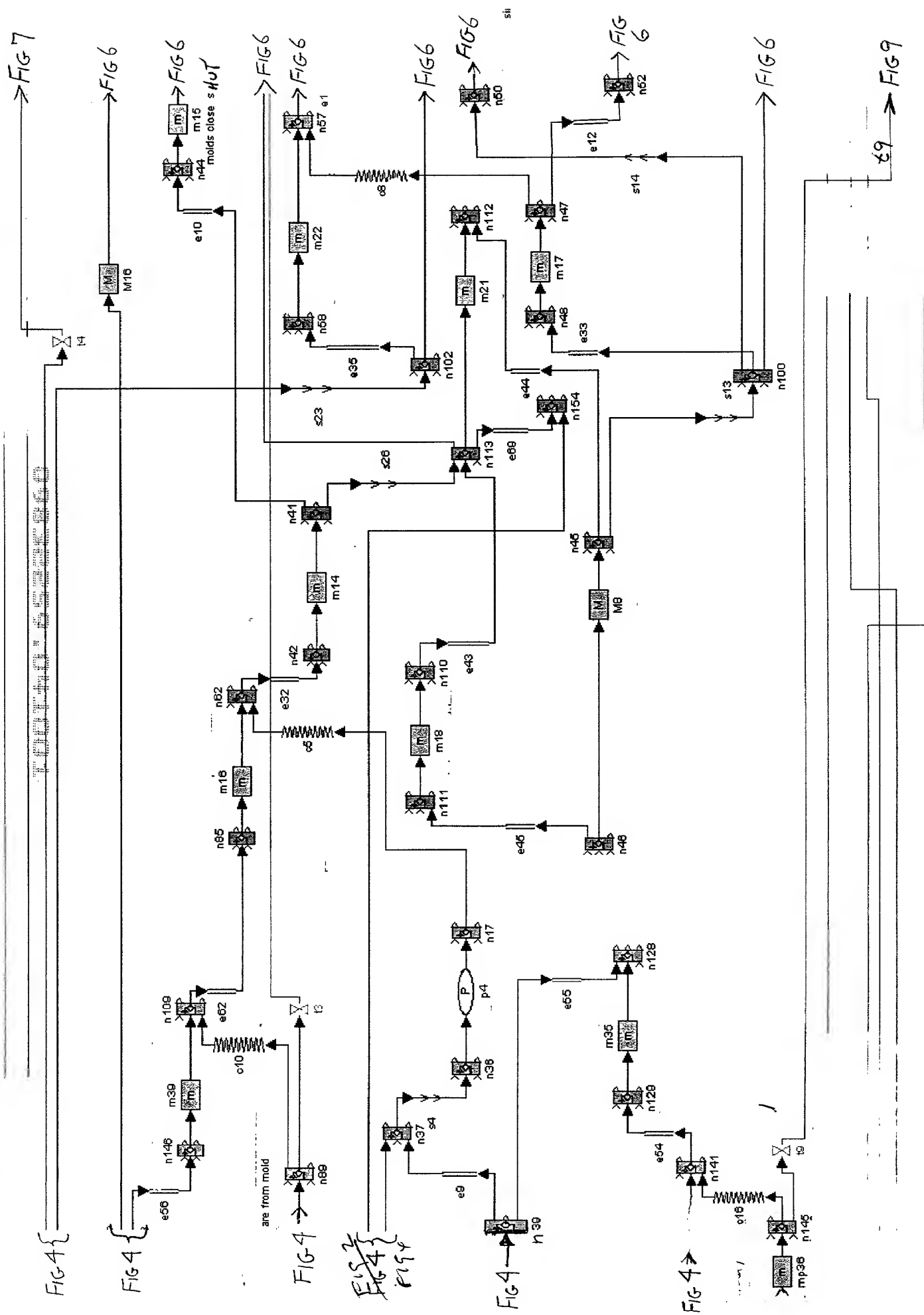


Fig 5

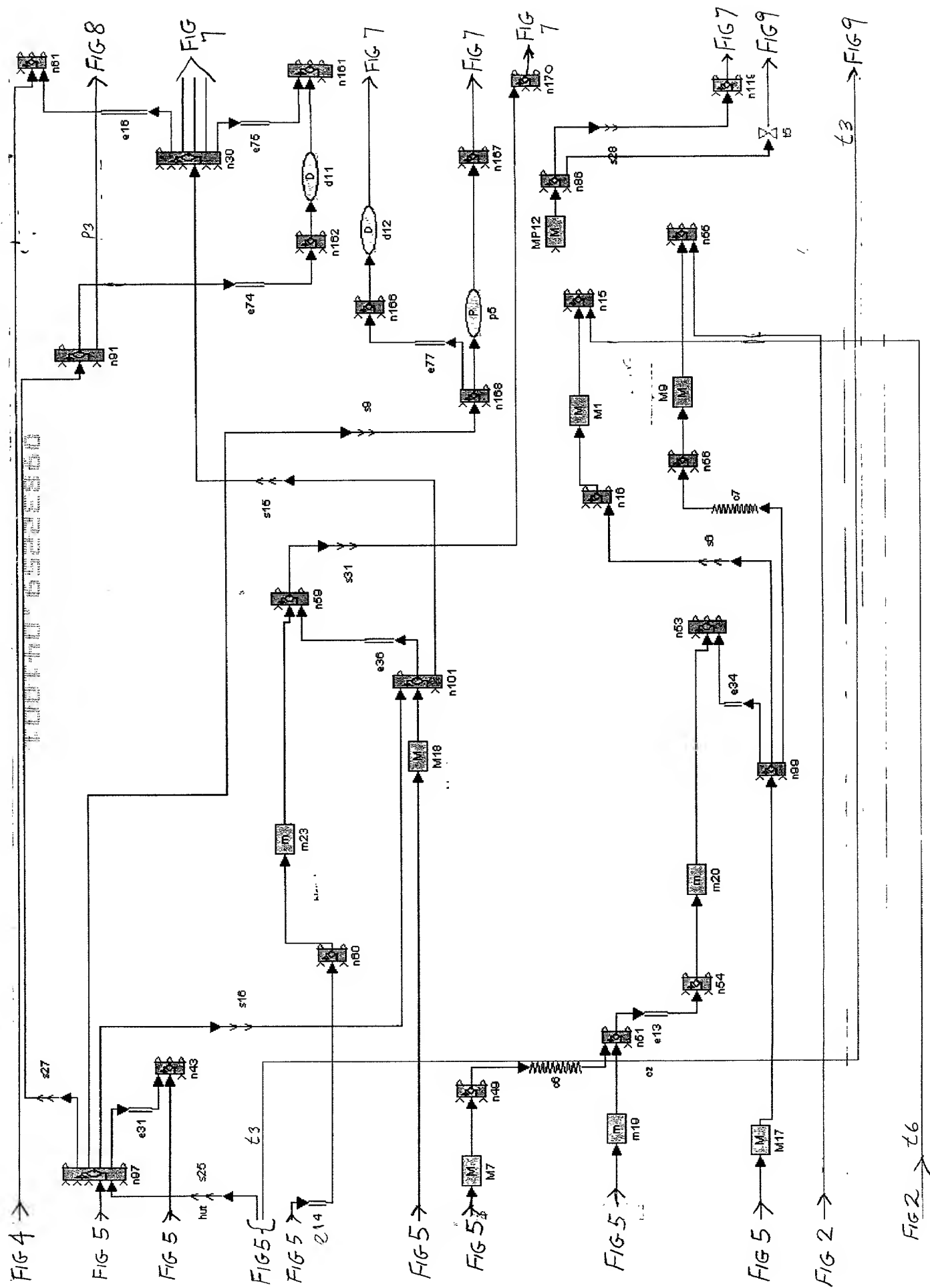
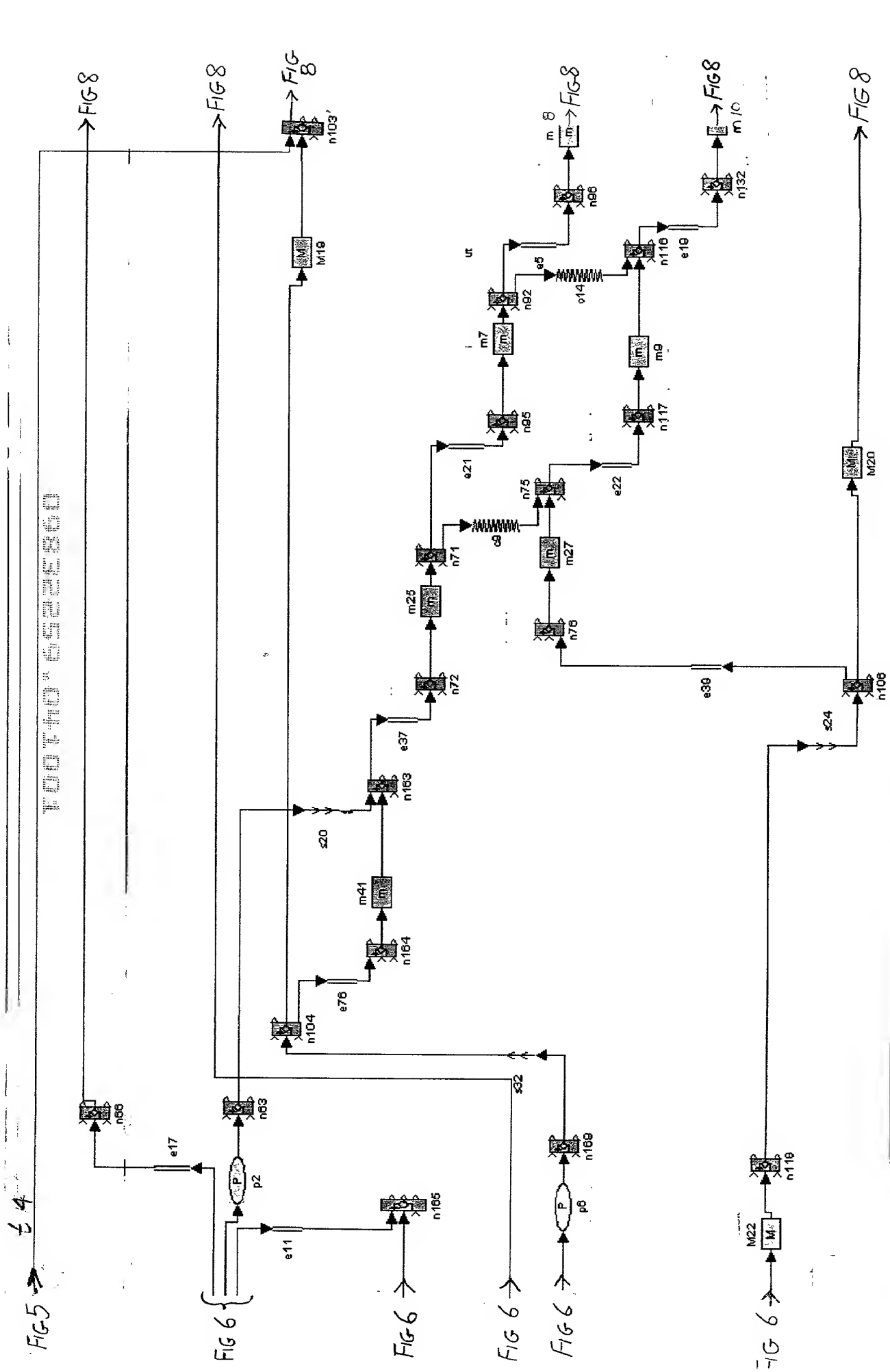


FIG 6



76

FIG 4 → t10

FIG 7 → d5

FIG 6 → p3

FIG 7 →

FIG 7 → e38

FIG 7 → s30

FIG 7 → s29

FIG 7 → m8

FIG 7 → m10

FIG 7 → n105

FIG 4 → t7

FIG 9

FIG 9

FIG 8

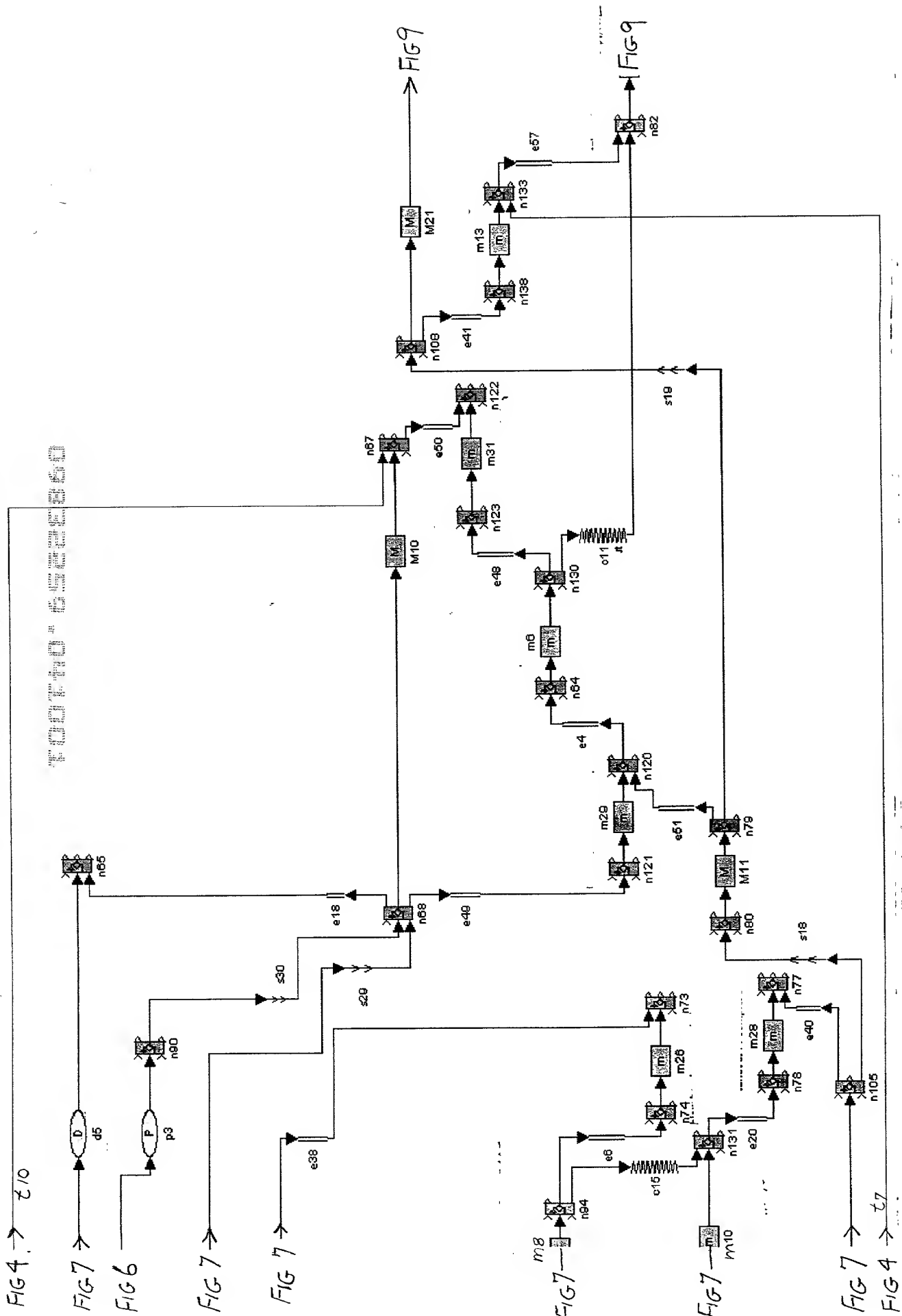




FIG 2

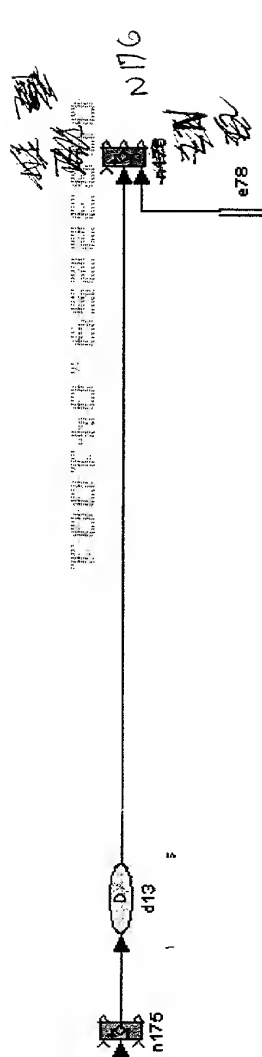


FIG 8

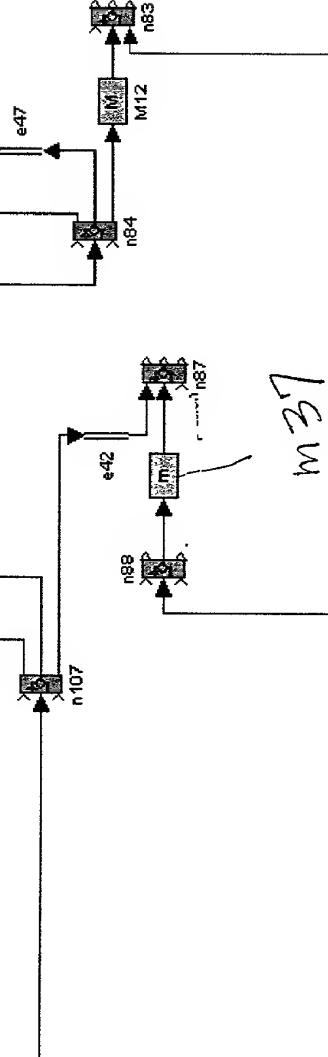


FIG 8

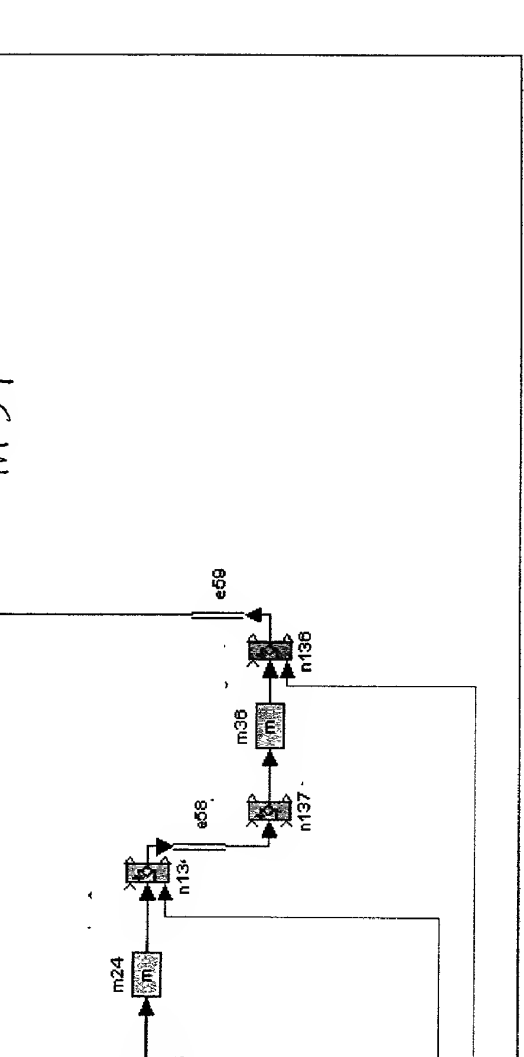


FIG 5

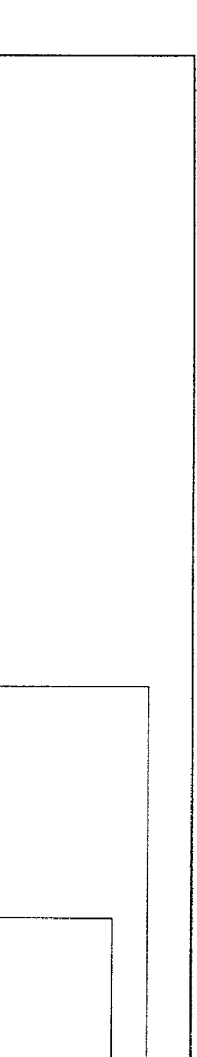


FIG 4

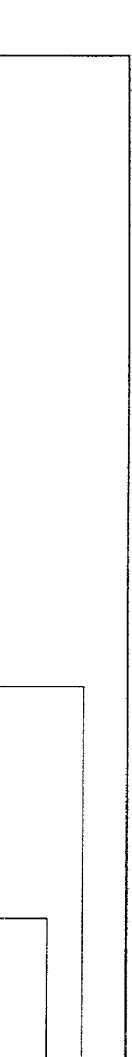


FIG 5



FIG 6



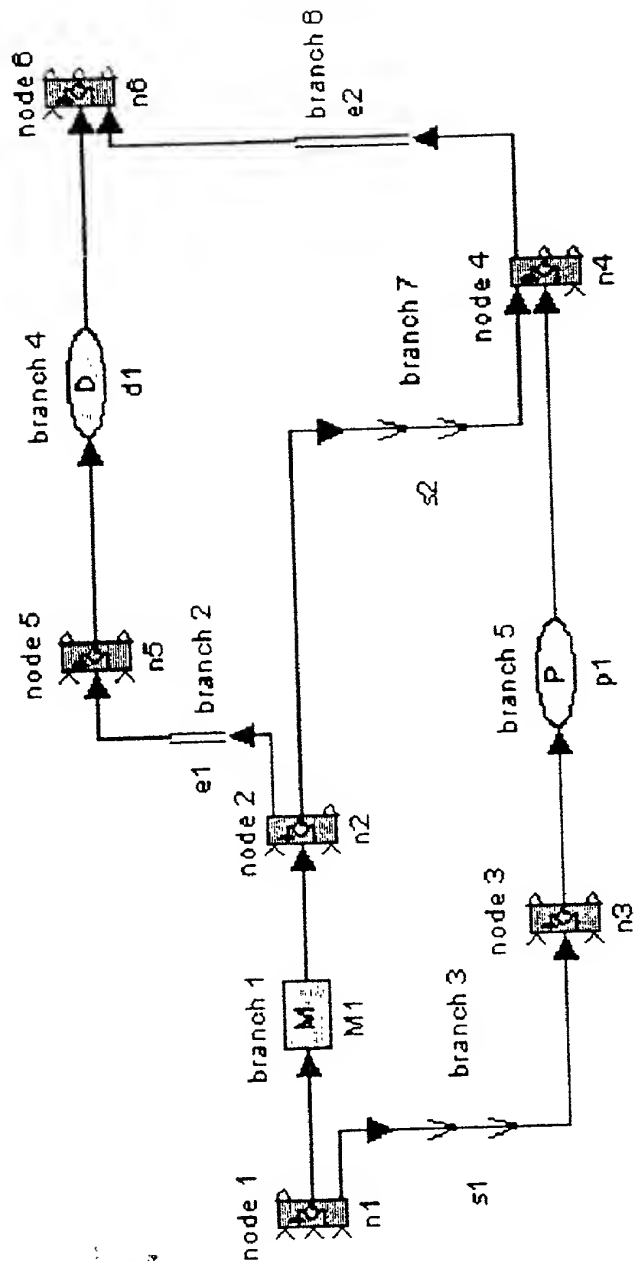


Fig- 10

[illegible]

Fig- 11

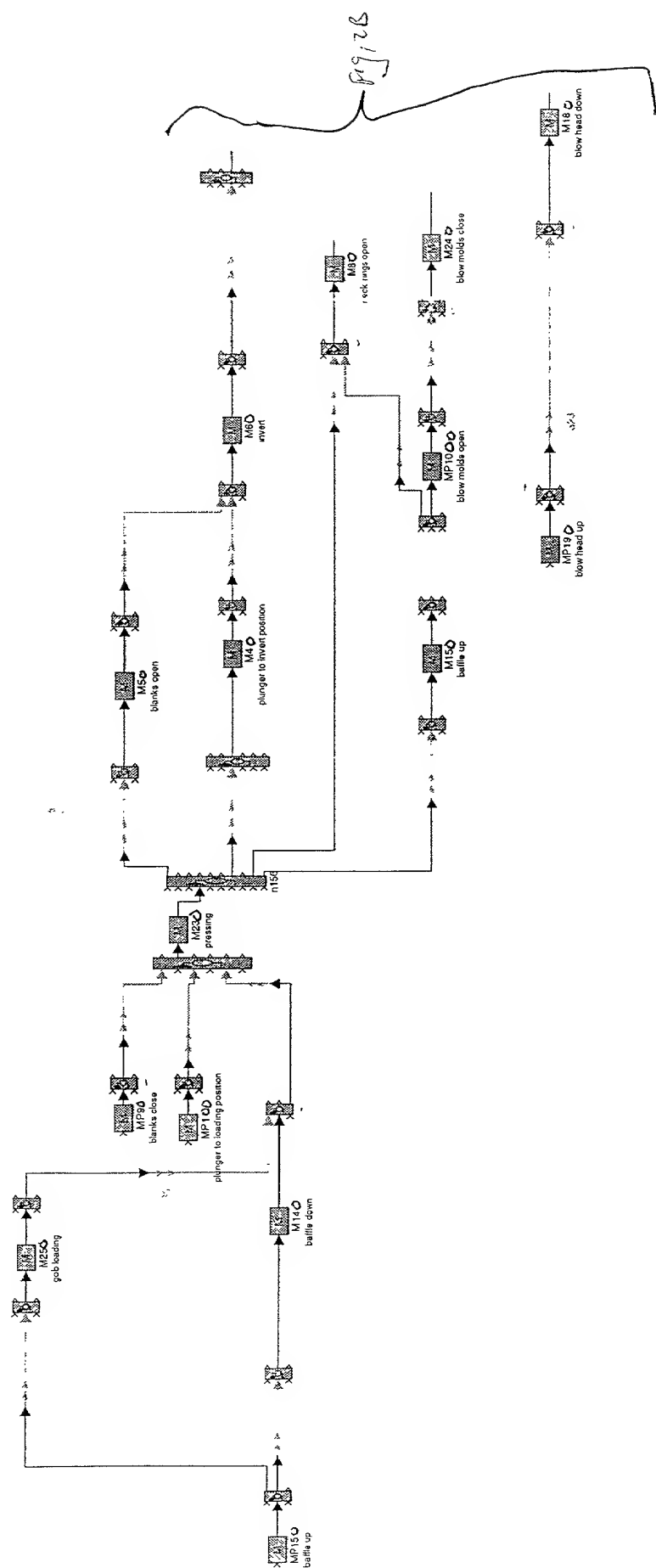
[illegible]

Fig-12A

Fig 12B

DEFINE A NETWORK  
CONSTRAINT DIAGRAM  
FOR A BOTTLE FORMING  
PROCESS IN AN I.S.  
MACHINE 60

TRANSLATE <sup>THE</sup> NETWORK  
CONSTRAINT DIAGRAM  
INTO A DATA TABLE 61

DATA TABLE "N"  
TRANSLATE <sup>THE</sup> DATA  
TABLE INTO MATHEMATICAL  
REPRESENTATION 62

COMPUTERIZED  
MODEL 64

Fig-13

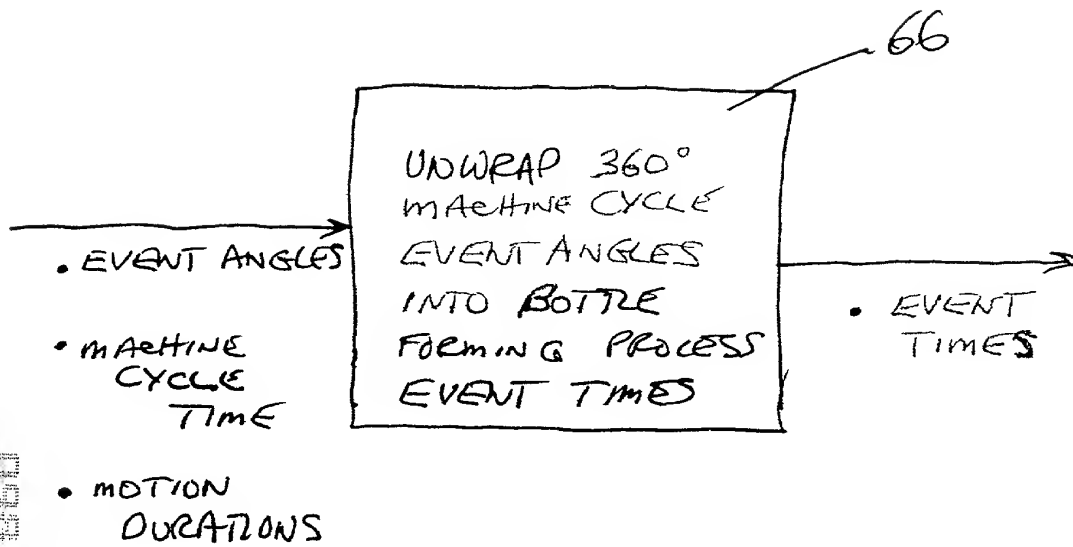
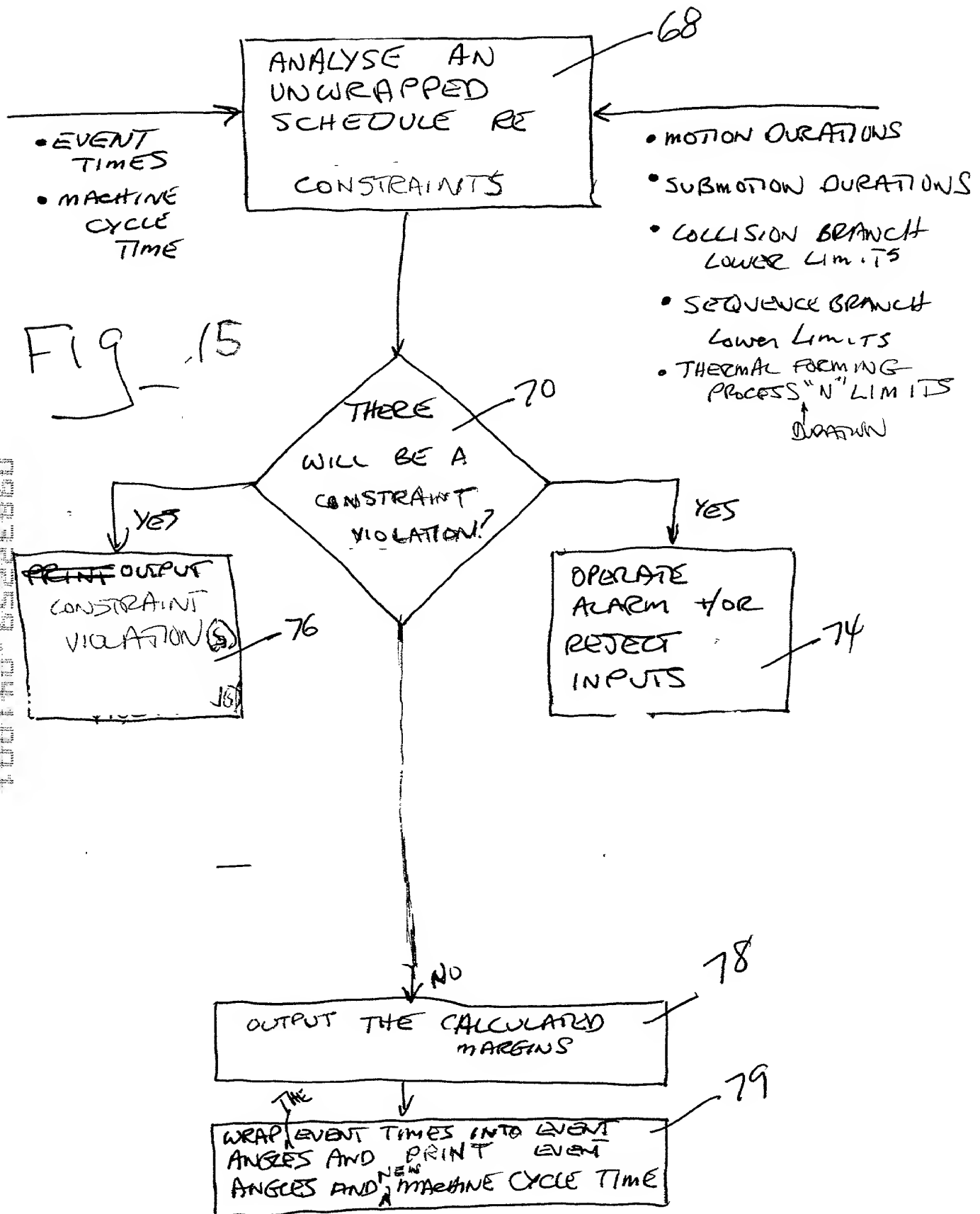
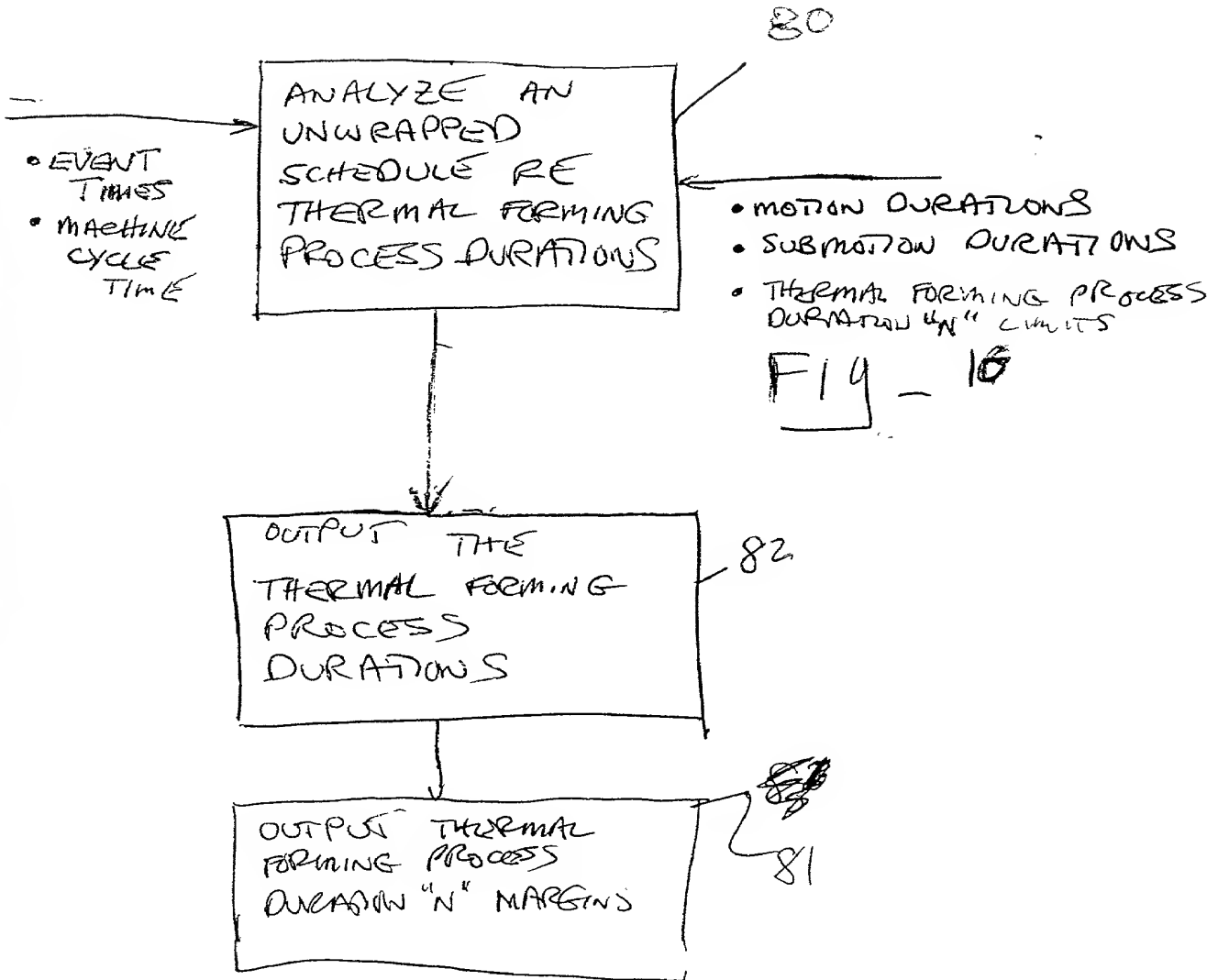


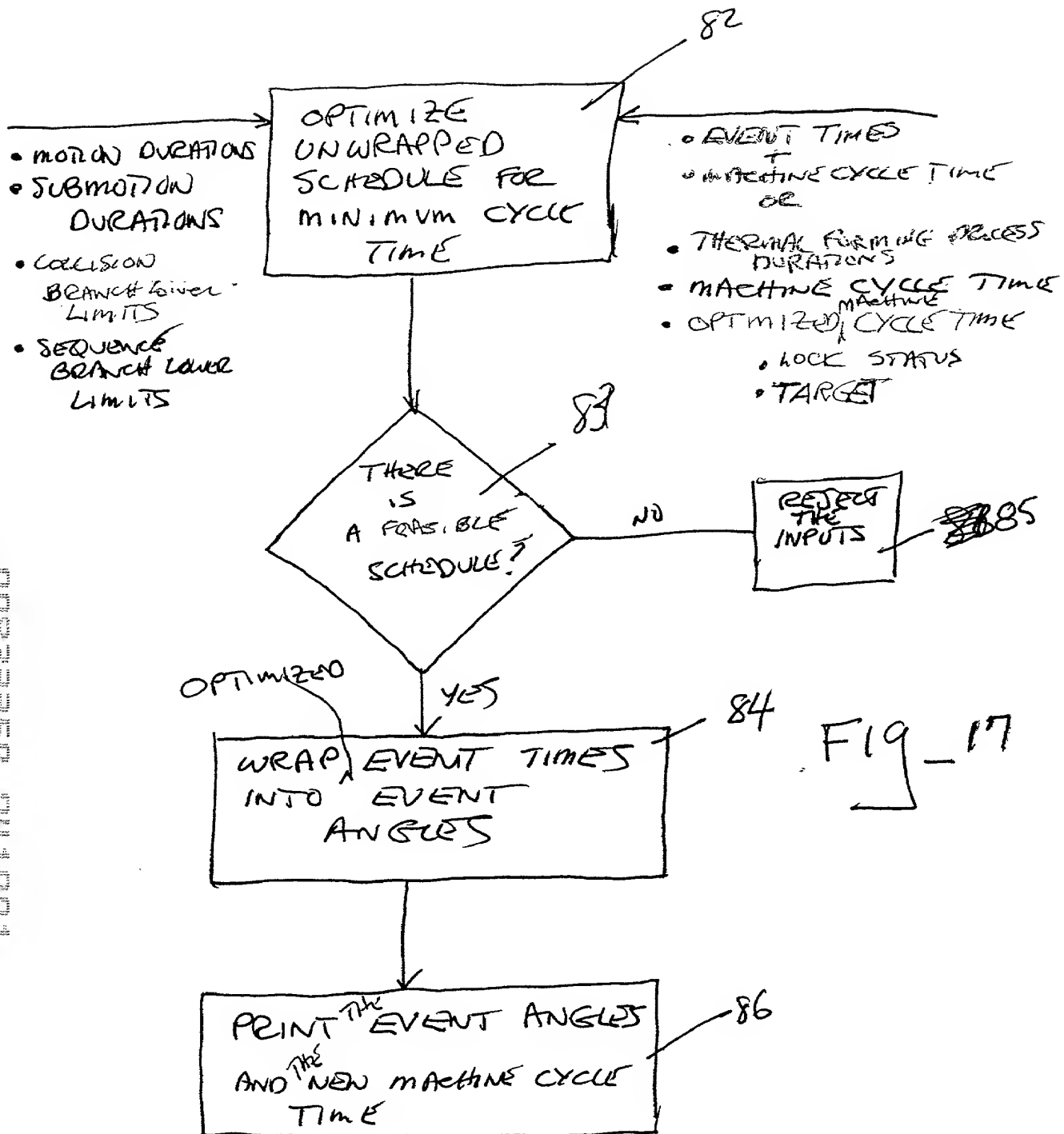
FIG-14

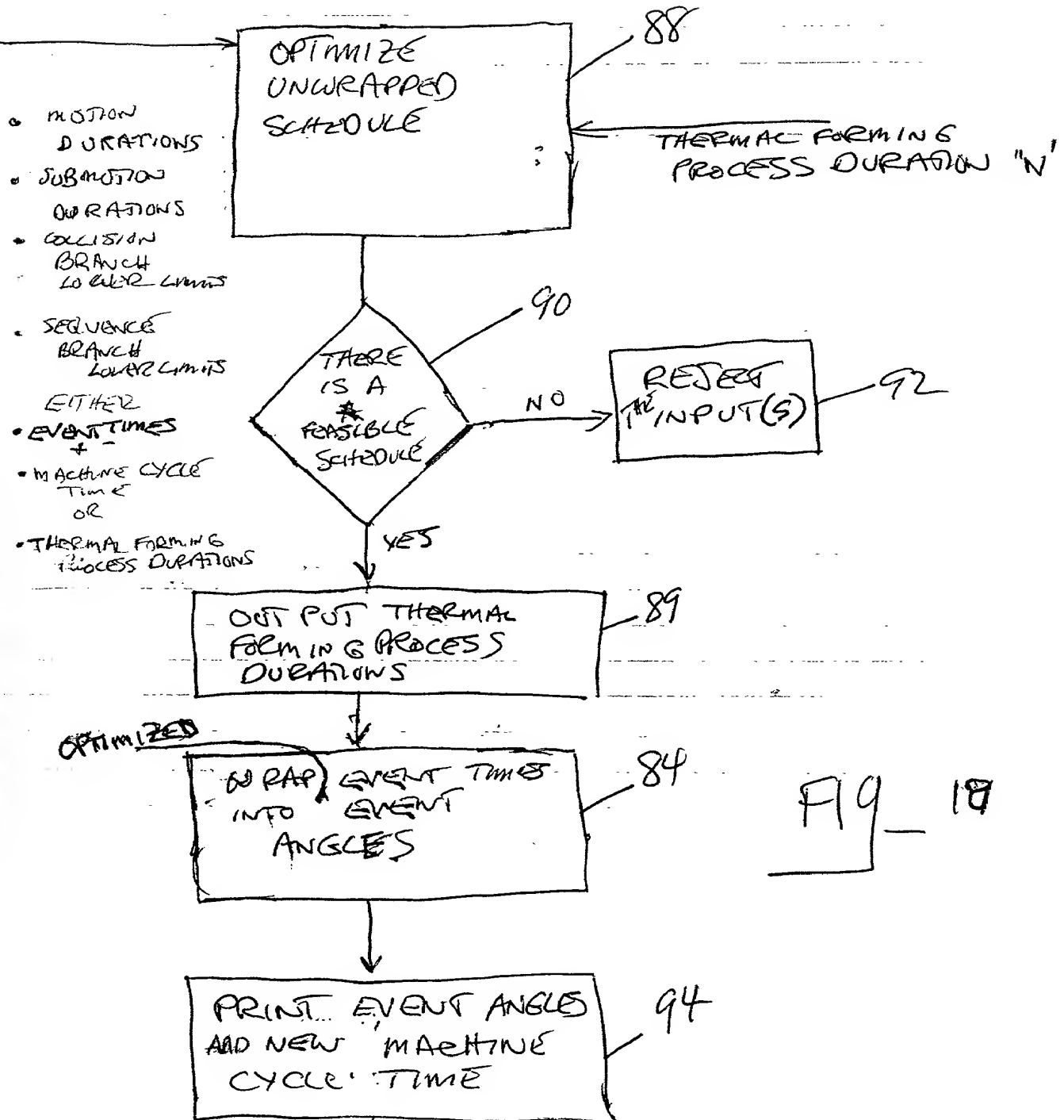
09032501043001











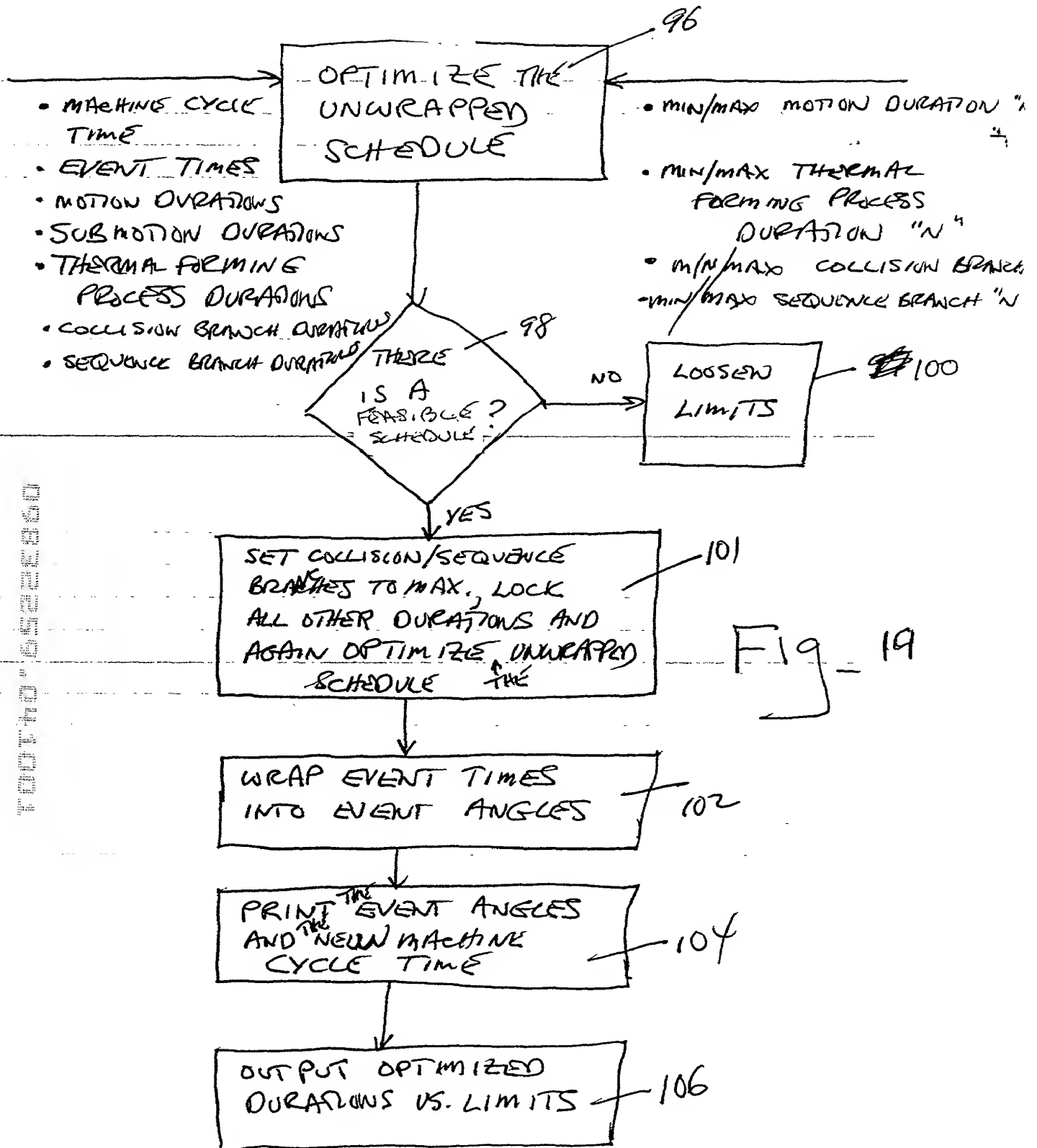


Fig. 19

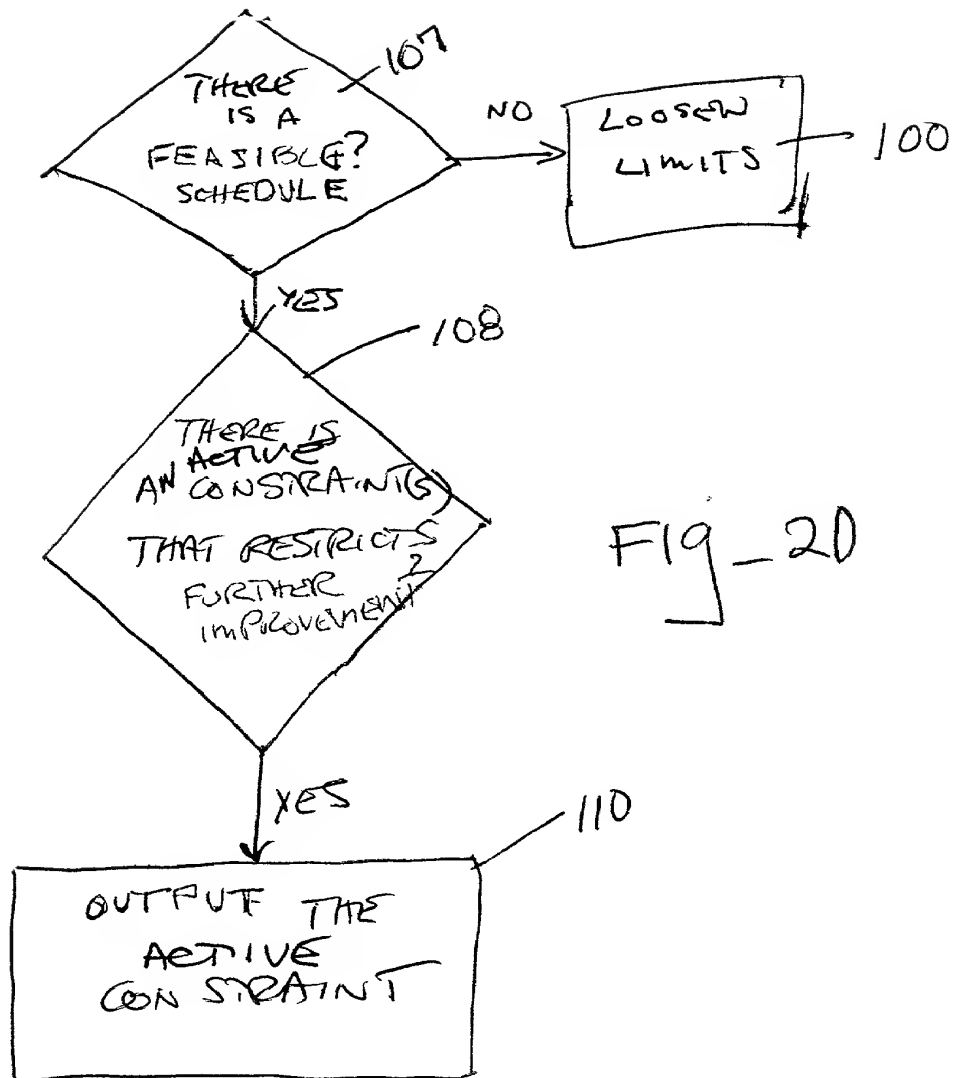


Fig-20

